

Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty. Docket No. 01-1693-M	Serial No. 09/895,843
	Applicant: Beck, et al.	
	Filing Date: June 29, 2001	Group: 1624

**OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.**

Examiner Initial	No.	
<i>[Signature]</i>	1	Flynn et al., "Chemical Library Purification Strategies Based on Principles of Complementary Molecular Reactivity and Molecular Recognition" <i>J. Am. Chem. Soc.</i> 1997 , 119, 4874-4881.

Examiner

[Signature]

Date Considered

8/10/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.41USU1	Application Number: 09/895,843
	Applicant: Beck ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gyleb</i>	4,224,179 (456)	09/23/1980	Schneider	252	316	<i>4</i>
	4,231,877 (457)	11/04/1980	Yamauchi et al.	210	321.8	
	4,235,871 (447)	11/25/1980	Papahadjopoulos	424	450	
	4,247,411 (448)	01/27/1981	Vanlerberghe et al.	264	4-6	
	4,394,448 (458)	07/19/1983	Szoka, Jr. et al.	435	458	
	4,399,216 (459)	08/16/1983	Axel et al.	435	6	
	4,522,811 (707)	06/11/1985	Eppstein et al.	514	2	
	4,616,088 (688)	10/07/1986	Ryono et al.	546	275.1	
	4,636,491 (598)	01/13/1987	Bock et al.	514	16	
	4,665,193 (706)	05/12/1987	Ryono et al.	546	275.1	
	4,668,770 (99)	05/26/1987	Boger et al.	530	331	
	4,673,567 (460)	06/16/1987	Jizomoto	424	450	
	4,676,980 (461)	06/30/1987	Segal et al.	424	136.1	
	4,736,866 (474)	04/12/1988	Lefer et al.	800	1	
	4,749,792 (597)	06/07/1988	Natarajan et al.	546	312	
	4,753,788 (462)	06/28/1988	Gamble	424	1.21	
	4,814,270 (463)	03/21/1988	Piran	530	387.3	
	4,816,567 (464)	03/28/1989	Cabilly et al.	435	69.4	
	4,870,009 (465)	09/26/1989	Evans et al.	514	18	
	4,880,781 (13)	11/14/1989	Hester, Jr. et al.	424	450	
	4,897,355 (466)	01/30/1990	Eppstein et al.	536	23.7	
	5,010,182 (467)	04/23/1991	Brake et al.	546	265	
	5,142,056 (590)	08/25/1992	Kempe et al.	424	489	
	5,145,684 (846)	09/08/1992	Liversidge et al.	546	336	
	5,162,538 (17)	11/10/1992	Voges et al.	540	94	
<i>gyleb</i>	5,175,281 (594)	12/29/1992	McCall et al.	540	94	<i>V</i>
	5,250,565 (444)	10/05/1993	Brooks et al.	514	443	

U.S. PATENT DOCUMENTS

EXAMINER <i>Smith B/C</i>	DATE CONSIDERED <i>8/11/04</i>
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.41USU1	Application Number: 09/895,843
	Applicant: Beck ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 164

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5,364,934 (468)	11/15/1994	Drayna et al.	536	23.2	
	5,374,652 (446)	12/20/1994	Buzzetti et al.	514	418	
	5,376,542 (469)	12/27/1994	Schlegal	435	6	
	5,387,742 (177)	02/07/1995	Cordell	800	12	
	5,441,870 (189)	08/15/1995	Seubert et al.	435	7.1	
	5,461,067 (599)	10/24/1995	Norbeck et al.	514	333	
	5,475,138 (556)	12/12/1995	Pal et al.	564	342	
	5,481,011 (847)	01/02/1996	Chen et al.	549	514	
	5,482,947 (838)	01/09/1996	Talley et al.	514	311	
	5,502,061 (591)	03/26/1996	Hui et al.	514	311	
	5,502,187 (595)	03/26/1996	Ayer et al.	544	117	
	5,508,294 (837)	04/16/1996	Vazquez et al.	514	357	
	5,510,349 (853)	04/23/1996	Talley et al.	514	237.5	
	5,510,388 (703)	04/23/1996	Vazquez et al.	514	604	
	5,516,784 (640)	05/14/1996	Bennett et al.	514	311	
	5,521,219 (850)	05/28/1996	Vazquez et al.	514	604	
	5,545,640 (642)	08/13/1996	Beaulieu et al.	514	311	
	5,593,846 (201)	01/14/1997	Schenk et al.	435	7.9	
	5,602,175 (542)	02/11/1997	Talley et al.	514	487	
	5,602,169 (445)	02/11/1997	Hewawasam et al.	514	418	
	5,604,102 (202)	02/18/1997	McConlogue et al.	435	7.1	
	5,610,190 (638)	03/11/1997	Talley et al.	514	595	
	5,612,486 (185)	03/18/1997	McConlogue et al.	800	12	
	5,625,031 (470)	04/29/1997	Webster et al.	530	300	
	5,631,405 (554)	05/20/1997	Pal et al.	564	342	
	5,639,769 (836)	06/17/1997	Vazquez et al.	514	357	
	5,648,511 (704)	07/15/1997	Ng et al.	558	345	
	5,663,200 (18)	09/02/1997	Bold et al.	514	487	
<i>[Signature]</i>	5,708,004 (536)	01/13/1998	Talley et al.	514	311	

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 8/11/02
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>	Docket Number: 13615.41USUI	Application Number: 09/895,843
	Applicant: Beck ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1643

5,720,936 (186)	02/24/1998	Wadsworth et al.	424	9.1	
5,721,130 (184)	02/24/1998	Seubert et al.	435	332	
5,733,882 (29)	03/31/1998	Carr et al.	514	19	
5,744,346 (182)	04/28/1998	Chrysler et al.	514	227.9	
5,753,652 (711)	05/19/1998	Fässler et al.	514	357	
5,760,064 (851)	06/02/1998	Vazquez et al.	514	539	
5,760,076 (548)	06/02/1998	Vazquez et al.	435	6	
5,766,846 (171)	06/16/1998	Schlossmacher et al.	514	318	
5,807,870 (652)	09/15/1998	Anderson et al.	514	487	
5,807,891 (19)	09/15/1998	Bold et al.	800	12	
5,811,633 (176)	09/22/1998	Wadsworth et al.	800	12	
5,827,891 (639)	10/27/1998	Dressman et al.	514	616	
5,830,897 (653)	11/03/1998	Vazquez et al.	514	256	
5,831,117 (547)	11/03/1998	Ng et al.	562	84	
5,847,169 (645)	12/08/1998	Nummy et al.	549	521	
5,849,911 (535)	12/15/1998	Fässler et al.	544	335	
5,850,003 (705)	12/15/1998	McLoughlin et al.	800	9	
5,863,902 (428)	01/26/1999	Munoz et al.	514	19	
5,872,101 (429)	02/16/1999	Munoz et al.	514	18	
5,877,015 (710)	03/02/1999	Hardy et al.	435	325	
5,877,399 (178)	03/02/1999	Hsiao et al.	800	3	
5,912,410 (418)	06/15/1999	Cordell	800	12	
5,922,770 (543)	07/13/1999	Peschke et al.	514	619	
5,935,976 (91)	08/10/1999	Bold et al.	514	346	
5,942,400 (181)	08/24/1999	Anderson et al.	435	7.1	
5,962,419 (434)	10/05/1999	McDonald et al.	435	7.1	
5,965,588 (686)	10/12/1999	Vazquez et al.	514	19	
6,001,813 (31)	12/14/1999	Gyorkos et al.	514	357	
6,013,658 (16)	01/11/2000	Lau et al.	514	18	
6,022,672 (644)	02/08/2000	Vazquez et al.	514	364	
6,045,829 (538)	04/04/2000	Liversidge et al.	514	231.2	

EXAMINER <i>Snell</i>	DATE CONSIDERED 8/11/02
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.41USU1	Application Number: 09/895,843
	Applicant: Beck ET AL.	
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6,051,684 (427)	04/18/2000	McDonald et al.	530	331	
6,060,476 (637)	05/09/2000	Vazquez et al.	514	256	
6,150,344 (685)	11/21/2000	Carroll et al.	514	119	
6,153,652 (191)	11/28/2000	Wu et al.	514	119	
6,191,166 B1 (50)	02/20/2001	Audia et al.	514	534	
6,221,670 B1 (355)	04/24/2001	Cordell et al.	436	63	

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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 036776 A2 (471)	09/30/1981	Europe				
	0 073 657 B1 (476)	03/09/1983	Europe				
	0 117 060 A2 (472)	08/29/1984	Europe				
	0 117 058 B1 (473)	08/29/1984	Europe				
	0 173 441 A1 (557)	05/03/1986	Europe				
	0 209 897 A2 (90)	01/28/1987	Europe				
	0 212 903 B1 (100)	03/04/1987	Europe				
	DE 3610593 A1 (98)	10/01/1987	Germany				
	0 264 106 B1 (101)	04/20/1988	Europe				
	DE 3721 855 A1 (93)	09/22/1988	Germany				
	0 274 259 A2 (89)	07/13/1988	Europe				
	2 203 740 A (544)	10/25/1988	UK				
	2 211 504 A (475)	07/05/1989	UK				
	0 320 205 A2 (102)	06/14/1989	Europe				
	0 337 714 (8)	10/18/1989	Europe				
	0 362 179 A2 (449)	04/04/1990	Europe				
	0 372 537 A2 (96)	06/13/1990	Europe				
	0 437 729 A2 (21)	07/24/1991	Europe				
	DE 40 03 570 A1	08/08/1991	Germany				
	0 609 625 A1 (567)	08/10/1994	Europe				
	0 652 009 A1 (709)	05/10/1995	Europe				
	7-126286 (97)	05/16/1995	Japan				

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION Use several sheets if necessary	Docket Number: 13615.41USU1	Application Number: 09/895,843
	Applicant: Beck ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1645

WO 87/02986 (551)	05/21/1987	PCT				
WO 87/04349 (10)	07/30/1987	PCT				
WO 87/05330 (454)	09/11/1987	PCT				
WO 89/00161 (15)	01/12/1989	PCT				
WO 89/01488 (12)	02/23/1989	PCT				
WO 89/05859 (453)	06/29/1989	PCT				
WO 90/13646 (452)	11/15/1990	PCT				
WO 91/00360 (451)	01/10/1991	PCT				
WO 92/00750 (537)	01/23/1992	PCT				
WO 92/17490 (14)	10/15/1992	PCT				
WO 92/20373 (455)	11/26/1992	PCT				
WO 93/02057 (11)	02/04/1993	PCT				
WO 93/08829 (450)	05/13/1993	PCT				
WO 93/17003 (7)	09/02/1993	PCT				
WO 94/04492 (848)	03/03/1994	PCT				
WO 95/06030 (839)	03/02/1995	PCT				
WO 97/30072 (22)	08/21/1997	PCT				
WO 98/22597 (170)	05/28/1998	PCT				
WO 98/29401 (562)	07/09/1998	PCT				
WO 98/33795 (546)	08/06/1998	PCT				
WO 98/50342 (550)	11/12/1998	PCT				
WO 99/41266 (568)	08/19/1999	PCT				
WO 99/54293 (635)	10/28/1999	PCT				
WO 00/17369 (169)	03/30/2000	PCT				
WO 00/47618 (364)	08/17/2000	PCT				
WO 00/56335 (314)	09/28/2000	PCT				
WO 00/61748 (302)	10/19/2000	PCT				
WO 00/69262 (272)	11/23/2000	PCT				
WO 00/77030 (256)	12/21/2000	PCT				
WO 01/00663 (159)	01/04/2001	PCT				
WO 01/00665 A2 (20)	01/04/2001	PCT				

EXAMINER <i>Smith</i>	DATE CONSIDERED <i>8/11/01</i>
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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

13615.41USUI

Application Number:

09/895,843

Applicant: Beck ET AL.

Filing Date: JUNE 29, 2001

Group Art Unit: 1645

WO 01/10387 A2 (443)	02/15/2001	PCT				
WO 01/19797 A2 (381)	03/22/2001	PCT				
WO 01/23533 A2 (289)	04/05/2001	PCT				
WO 01/29563 A1 (479)	04/26/2001	PCT				
WO 01/51659 A2 (790)	07/19/2001	PCT				

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no	—	Abbenante, et al., <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, pp. 1331-35 Inhibitors of β -Amyloid Formation Based on the β -Secretase Cleavage Site [439]
no	—	Alterman et al., <i>J. Med. Chem.</i> , 1998, 41, 3782-3792 Design and Synthesis of New Potent C ₂ -Symmetric HIV-1 Protease Inhibitors. Use of L-Mannaric Acid as a Peptidomimetic Scaffold [868]
no	—	Amblard et al., <i>J. Med. Chem.</i> , 1999, 42:20, pp. 4193-4201 Synthesis and Characterization of Bradykinin B ₂ Receptor Agonists Containing Constrained Dipeptide Mimics [730]
no	—	Arrowsmith et al., <i>Tetrahedron Letters</i> , 1987, 28:45, pp. 5569-5572 Amino-Alcohol Dipeptide Analogues: A Simple Synthesis of a Versatile Isostere for the Development of Proteinase Inhibitors [584]
no	—	Askin et al., <i>The Journal of Organic Chemistry</i> , 1992, 57:10, pp. 2771-2773 Highly Disastrous Alkylations of Chiral Amide Enolates: New Routes to Hydroxyethylene Dipeptide Isostere Inhibitors of HIV-1 Protease [561]
no	—	Balicki et al., <i>Synth. Comm.</i> , 1993, 23(22), pp. 3149-3155 Mild and Efficient Conversion of Nitriles to Amides with Basic Urea-Hydrogen Peroxide Adduct [874]
no	—	Barton, <i>Protective Groups in Organic Chemistry</i> , 1976, Chpt. 2, pp. 43-93 Protection of N-H Bonds and NR ₂ [718]
no	—	Basu et al., <i>Tetrahedron Letters</i> , 1998, 39, pp. 3005-3006 Efficient Transformation of Nitrile into Amide under Mild Condition [881]
no	—	Bennet et al., <i>Synlett</i> , 1993, 9, pp. 703-704 The Synthesis of Novel HIV-Protease Inhibitors via Silica-Gel-Assisted Addition of Amines to Epoxides [744]
no	—	Berge et al., <i>Journal of Pharmaceutical Sciences</i> , 1/1977, 66:1, pp. 1-19 Pharmaceutical Salts [735]
no	—	Blatt, <i>Organic Syntheses</i> , Collective Vol. 2, pp. 312-315 Heptaldoxime [883]
no	—	Bodendorf et al., <i>The Journal of Biological Chemistry</i> , 2001, 276:15, pp. 12019 - 12023 A Splice Variant of β -Secretase Deficient in the Amyloidogenic Processing of the Amyloid Precursor Protein [493]

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DATE CONSIDERED

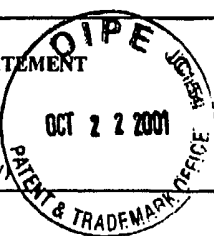
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 13615.41USU1	Application Number: 09/895,843
	Applicant: Beck ET AL.	
	Filing Date: JUNE 29, 2001	Group Art Unit: 1545



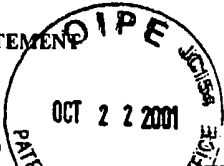
		Photoactivated Gamma-Secretase Inhibitors Directed to the Active Site Covalently Label Presenilin 1. [586]
		Lin et al., <i>PNAS</i> , 2000, 97:4, pp. 1456-1460
		Human Aspartic Protease Memapsin 2 Cleaves the β -Amyloid Precursor Protein [687]
		Luly et al., <i>Journal of Organic Chemistry</i> , 1987, 52:8, pp. 1487-1492
		A Synthesis of Protected Aminoalkyl Epoxides from Alpha Amino Acids [558]
		Luo et al., <i>Nature Neuroscience</i> , 3/2001, 4:3, pp. 231-232
		Mice Deficient in BACE1, the Alzheimer's β -secretase, have Normal Phenotype and Abolished β -amyloid Generation [210]
		March, <i>Advanced Organic Chemistry: Reactions, Mechanisms, and Structure</i> 3rd ed., pp. 380-381
		Aliphatic Nucleophilic Substitution [729]
		Martin et al., <i>Tetrahedron Letters</i> , 1998, 39, pp. 1517-1520
		Application of Almez-Mediated Amidation Reactions to Solution Phase Peptide Synthesis [540]
		Mashraqui et al., <i>J. Am. Chem. Soc.</i> , 1982, 104, pp. 4461-4465
		Cyclophanes. 14. Synthesis, Structure Assignment, and Conformational Properties of [2.2](2,5)Oxazolo- and Thiazolophanes [872]
		McLendon et al., <i>The FASEB Journal</i> , 2000, 14:15, pp. 2383-2386
		Cell-Free Assays for Gamma-Secretase Activity [355]
		Miyaura et al., <i>Chem. Rev.</i> , 1995, 95, pp. 2457-2487
		Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds [720]
		Moersch et al., <i>Synthesis</i> , 1971, 12, pp. 647-649
		The Synthesis of Alpha-Hydroxycarboxylic Acids by Aeration of Lithiated Carboxylic Acids in Tetrahydrofuran Solution [564]
		Murahashi et al., <i>J. Org. Chem.</i> , 1992, 57:9, pp. 2521-2523
		Ruthenium-Catalyzed Hydration of Nitriles and Transformation of δ -Keto Nitriles to En-Lactams [877]
		Norman et al., <i>J. Med. Chem.</i> , 2000, 43, pp. 4288-4312
		Structure-Activity Relationships of a Series of Pyrrolo[3,2-d]pyrimidine Derivatives and Related Compounds as Neuropeptide Y5 Receptor Antagonists [867]
		Owa et al., <i>J. Med. Chem.</i> , 1999, 42, pp. 3789-3799
		Discovery of Novel Antitumor Sulfonamides Targeting G1 Phase of the Cell Cycle [866]
		Pirttila et al., <i>Neuroscience Letter</i> , 1998, 249, pp. 21-24
		Longitudinal Study of Cerebrospinal Fluid Amyloid Proteins and Apolipoprotein E in Patients with Probable Alzheimer's Disease [778]
		Rectz et al., <i>Tetrahedron Letters</i> , 30:40, pp. 5425-5428
		Protective Group-Tuning in the Stereoselective Conversion of α -Amino Aldehydes into Aminoalkyl Epoxides [884]
		Spovagh et al., <i>Alzheimer's Disease Review</i> , 1997, 3, 1-19
		β -Amyloid and Treatment Opportunities for Alzheimer's Disease [589]
		Sakurai et al., <i>Chemical & Pharmaceutical Bulletin</i> , 1993, 41:8, pp. 1378-1386
		Studies of HIV-1 Protease Inhibitors. II, Incorporation of Four Types of Hydroxyethylene Dipeptide Isosteres at the Scissile Site of Substrate Sequences [549]
		Sakurai et al., <i>Tetrahedron Letters</i> , 1993, 34:10, pp. 5939-5942
		A New Synthetic Route for the Gamma-Lactone Precursors of Hydroxyethylene Dipeptide Isosteres [563]

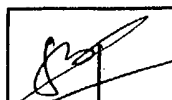


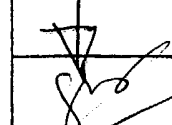
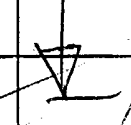
EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	8/11/04
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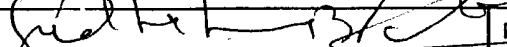
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		Sebti et al., <i>Tetrahedron Letters</i> , 1996, 37:36, pp. 6555-6556 Catalyse Heterogene de L'Hydratation des Nitriles en Amides par le Phosphate Naturel Dope par KF et le Phosphate Trisodique [878]
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EXAMINER 	DATE CONSIDERED 8/10/02
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	DOCKET NUMBER 13615.41USU1	APPLICATION NUMBER 09/895,843
	APPLICANT : Beck ET AL.	
	FILING DATE : JUNE 29, 2001	GROUP ART UNIT : 1645





EXAMINER <i>Frederick A. [Signature]</i>	DATE CONSIDERED 8/11/02
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Filing Date:
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Group: 1624



OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.

Examiner Initial	No.	
<i>[Signature]</i>	1	Flynn et al., "Chemical Library Purification Strategies Based on Principles of Complementary Molecular Reactivity and Molecular Recognition" <i>J. Am. Chem. Soc.</i> 1997, 119, 4874-4881.

Examiner

Date Considered

8/10/04

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